

ABSTRACT

Fibroblast growth factor 5 (FGF-5) has a function of inhibiting hair growth and thereby shifting hair cycle of hair matrix cells from the growing stage to the regression stage. Extracts obtained by extraction preferably from rose fruit, loquat, burnet, bearberry, mate, cat's claw, mugwort, *Uncaria rhynchophylla*, tea and brown algae with water or a solvent other than water have an activity of inhibiting the function of FGF-5.

Therefore, a hair growth stimulant and a cosmetic containing one or more kinds of the above extracts contain ingredients capable of maintaining proliferation of hair matrix cells and directly promoting hair growth, so that they exert excellent hair growth-stimulating and hair-nourishing effects based on the hair cycle control mechanism of FGF-5.